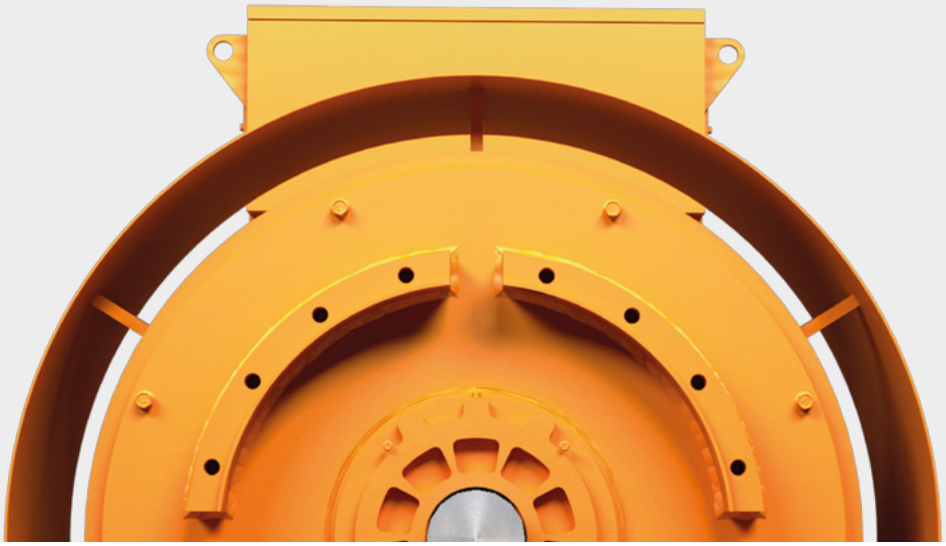
GamesaElectric

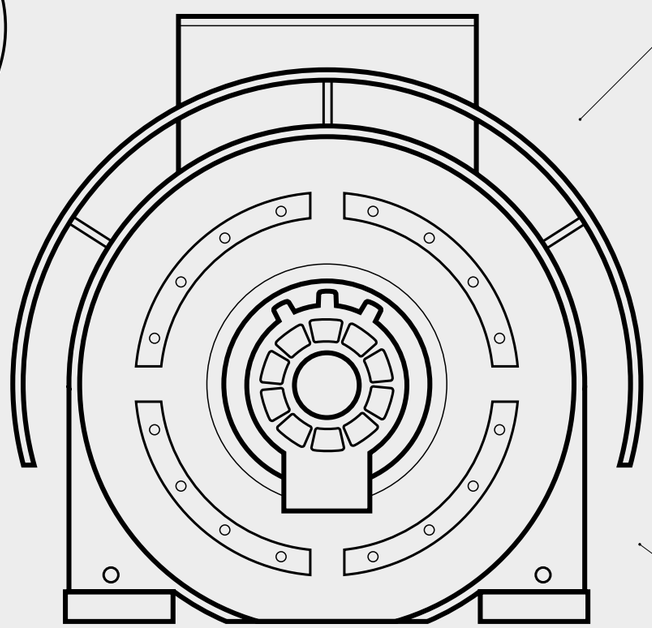


Gamesa Electric
GenSet MV56/63

Efficiency, reliability
and maximum flexibility

2019 | Datasheet

Flexible design with a full range of options



Gamesa Electric GenSet MV56/63
Efficiency, reliability and maximum flexibility

Experienced partner

Manufacturing centre in Spain with highest standards of quality for serial mass production

85 years of experience developing electric solutions

100% subsidiary of Siemens Gamesa Renewable Energy, a global leader in wind solutions

Harsh enviroments

Up to 55ºC operating temperature and for even harsher environments, ad-hoc cooling solutions

IP44 inlet filters available as option

Operate up to 2.500m asl

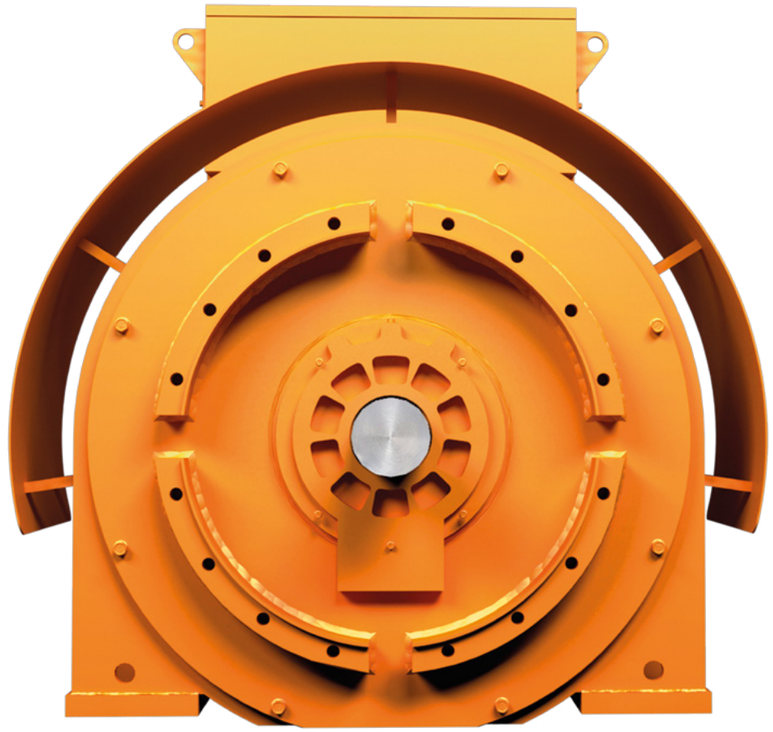
Client oriented

Backoffice available 24 hours a day that provides quick responses in the offer phase

A strong engineering design team and flexible production processes allow products to be 100% adapted to the customer's needs

Conform to any international standards

Robust design for highest reliability

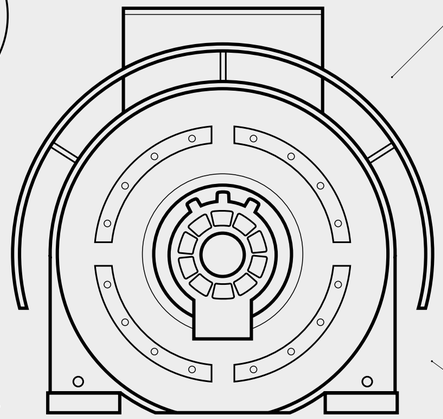


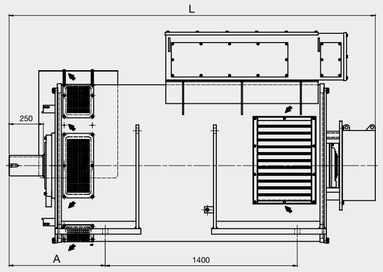
Cylindrical outer core frame made of mechanically welded steel with raised legs IM1101 and steel shields. Its compact construction guarantees the grater rigidity and resistance of the generator against mechanical stresses.

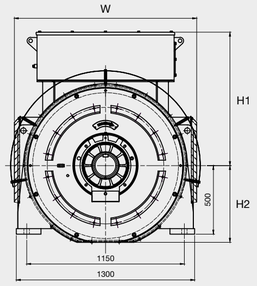
Generator shields designed to withstand axial and radial mechanical stresses and high vibration values. The shields could include a SAE flange adaptor on demand.

Double bearing design equipped as standard with two ball bearings.

Flexible design with a full range of options

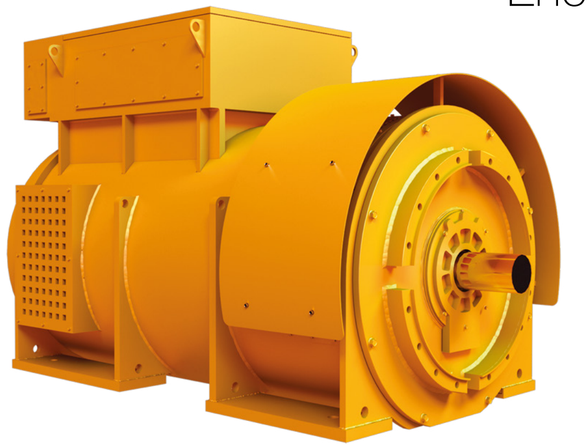






Reference	L	W	H1	H2	A
GenSet MV56 (XS-S-M)	2670,5	1330	973	560	701
GenSet MV56 (L-XL)	2876,5	1330	973	560	701
GenSet MV63 (XS-S-M)	2670,5	1372	1023	600	730
GenSet MV63 (L-XML-XL)	2876,5	1372	1023	600	730

Shaping New Energy



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Selection guide

Medium voltage 3.3 / 4.1 kV 6 / 6.3 kV	Power (kVA)					
	1500 rpm - 50 Hz			1800 rpm - 60 Hz		
	Continuous duty		Stand by	Continuous duty		Stand by
	Temp Rise (K) / Temp Ambient (ºC)			Temp Rise (K) / Temp Ambient (ºC)		
	125 K / 40ºC	105 K / 40ºC	150 K / 40ºC	125 K / 40ºC	105 K / 40ºC	150 K / 40ºC
GenSet MV56 XS	2150	1950	2250	2350	2150	2450
GenSet MV56 S	2450	2300	2650	2850	2600	2950
GenSet MV56 M	2850	2600	3000	3150	2850	3300
GenSet MV56 L	3300	3050	3500	3650	3400	3800
GenSet MV56 XL	3900	3400	4200			

High voltage 11 / 13.8 kV	Power (kVA)					
	1500 rpm - 50 Hz			1800 rpm - 60 Hz		
	Continuous duty		Stand by	Continuous duty		Stand by
	Temp Rise (K) / Temp Ambient (ºC)			Temp Rise (K) / Temp Ambient (ºC)		
	105 K / 40ºC	80 K / 40ºC	130 K / 40ºC	105 K / 40ºC	80 K / 40ºC	130 K / 40ºC
GenSet MV63 XS	2150	2000	2300	2350	2200	2600
GenSet MV63 S	2450	2200	2650	2750	2550	3000
GenSet MV63 M	2800	2500	3000	3200	2950	3450
GenSet MV63 L	3300	2850	3550	3700	3250	4000
GenSet MV63 XML	3650	3200	3950			
GenSet MV63 XL	3950	3400	4250			

Specifications

Voltage Range	3.3 / 4.1 kV 6 / 6.3 kV	11 / 13.8 kV
Material Insulation Class	H	F
Insulation System	Vacuum Pressure Impregnation	
Poles	4	
Techology	Bar Wound	
AVR	Digital	
Voltage sensing	3-Phase	
Bearing Arrangement	Double	
Terminals	6	
Rotation	Clockwise	
Excitation System	Brushless and PMG	
Ingress Protection	IP23	
Temperature monitoring	Winding RTDs	
Cooling method	IC01 open ventilated	
Connection with other machines	Paralleling capability	
Mounting	Raised legs IM1101	
Environmental protection	Anti-condensation Heaters	
Painting	RAL 5003	
Altitude	1000 m	

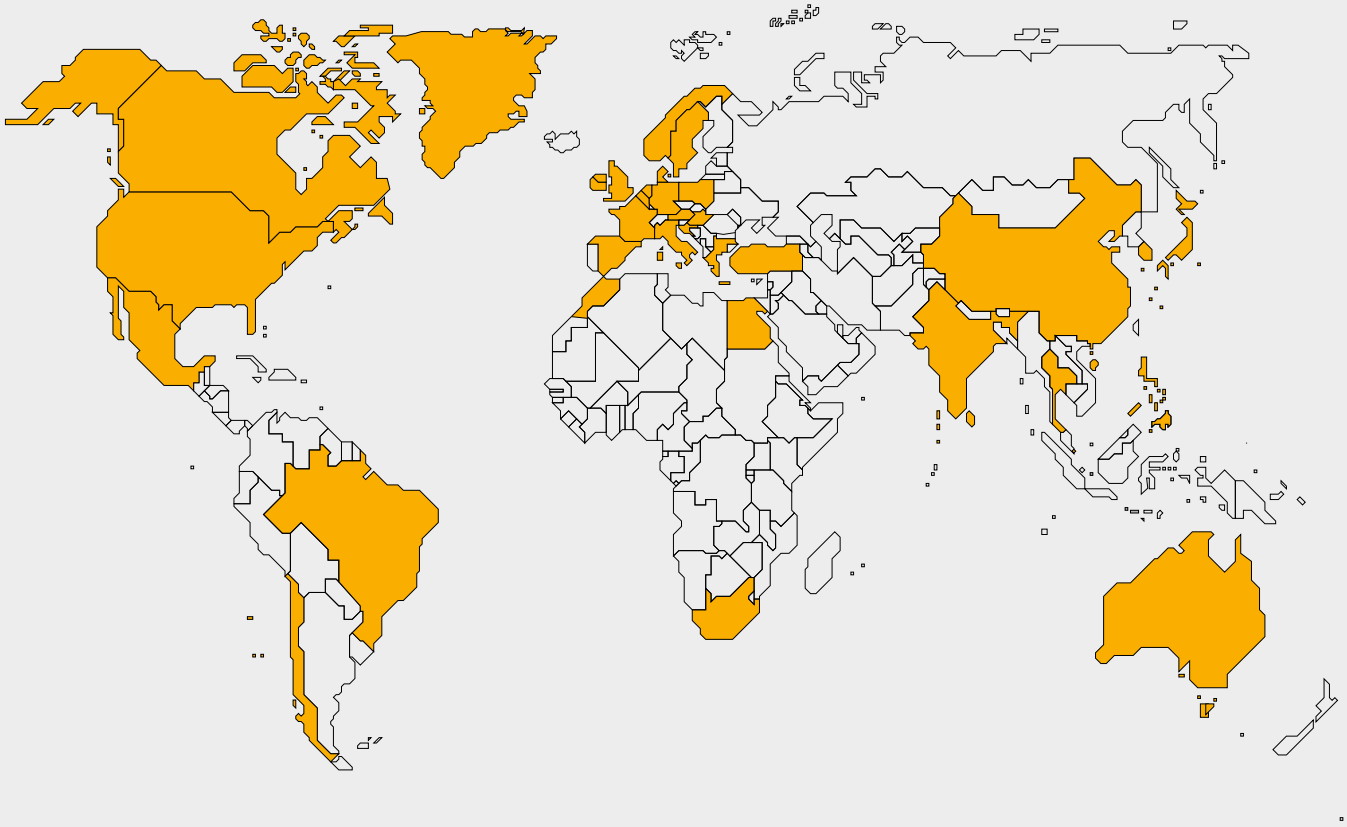
GamesaElectric

GamesaElectric | Shaping new energy

+2400
INVERSORES FV

84.5 GW
INSTALADOS
en Wind y Solar

+90
PAISES



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